

ANNUAL OREPORT

NB TEACHERS' PENSION PLAN

NEW BRUNSWICK TEACHERS' PENSION PLAN Annual Report 2016

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Glossary

Indexing Adjustment Benefit (IAB, also known as "indexation") – the cost of living adjustment applied to NBTPP pension benefits based on all or a portion of the changes in the Consumer Price Index averaged over 12 months.

NBTPP - The New Brunswick Teachers' Pension Plan.

NBTPP Fund – The pension fund for the NBTPP.

PBA – The *Pension Benefits Act* (New Brunswick), provincial legislation that the New Brunswick Teachers' Pension Plan is subject to and must comply with for certain provisions as stipulated under the TPPA.

TPPA – The *Teachers' Pension Plan Act* (New Brunswick), provincial legislation that governs the New Brunswick Teachers' Pension Plan. The TPPA also specifies the PBA provisions applicable to the New Brunswick Teachers' Pension Plan.

VIMC – Vestcor Investment Management Corporation (VIMC), formerly the New Brunswick Investment Management Corporation (NBIMC), is the investment manager for the NBTPP.

VPSC – Vestcor Pension Services Corporation (VPSC), formerly the Pensions and Employee Benefits Division (PEBD), manages the day-to-day operations of the NBTPP.

Note

The plan year end is August 31, 2016 for purposes of the actuarial valuation however the financial statements are prepared as at December 31, 2016 to coincide with the plan's year end for income tax purposes. Accordingly the results of the actuarial valuation are extrapolated to December 31 in those financial statements.

Chairperson Letter

On behalf of the Board of Trustees for the New Brunswick Teachers' Pension Plan (NBTPP), I am pleased to present our inaugural Annual Report, outlining the activities and accomplishments achieved throughout 2016.

The NBTPP had a successful year, with a positive gross rate of return on investments of 6.28% or 6.14% after deducting investment management fees, well above the 5.06% investment policy benchmark for the pension fund. As of December 31, 2016, the total net assets of the Plan reached \$5.497 billion. This positive return provided for the cost of living adjustment allowed under the plan, for the 3rd year in a row.

In addition, an actuarial valuation for funding purposes was completed by the plan's actuary at August 31, 2016. This valuation outlines the level of security and ability of the NBTPP to provide long-term benefits to members. The results of this

exercise confirmed that the plan was funded at 105.6% with 98.3% certainty that current benefits will not be reduced in the next 20 years.

These positive financial results are a good news story that we are proud to share with our plan members and stakeholders. However, as a board we understand that the plan may face challenges in the future (e.g., an economic downturn, changes in demographics). These factors reinforce the importance for the Board to remain vigilant in ensuring the plan is well governed and positioned for long-term sustainability.

On behalf of the Board, I want to acknowledge the commitment and dedication of my fellow trustees as we work together to ensure the NBTPP remains sustainable over the long-term. I would also like to recognize the ongoing contribution of our service providers in ensuring the continued success of the plan.

Sincerely,

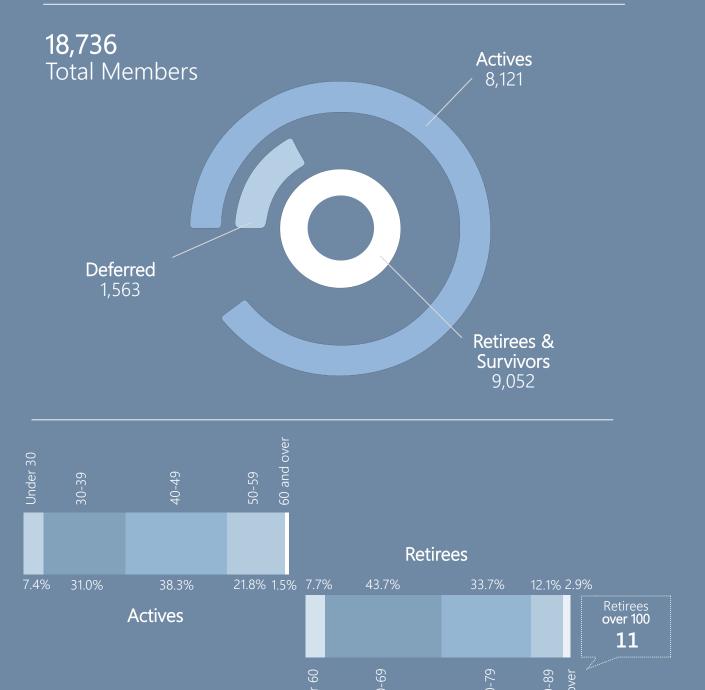
Larry Jamieson Chairperson

June 6, 2017 Fredericton, New Brunswick

Membership Highlights

as of August 31, 2016

(as per most recent actuarial valuation)



NBTPP Governance

Board of Trustees

The NBTPP Board of Trustees (the "Board") is the Administrator of the NBTPP (the "Plan"). As Administrator, the Board is responsible for the overall governance and administration of the NBTPP in accordance with the *Teachers' Pension Plan Act*, the *Pension Benefits Act* and Regulations, the *Income Tax Act* (Canada) and the Plan's governing documents. These duties include setting the levels of contributions and benefits in accordance with the Funding Policy, in addition to oversight of the pension benefits administration and the investment management.

The Board consists of eight Trustees. The New Brunswick Teachers' Federation appoints one half of the Trustees and the other half is appointed by the provincial government. In addition, two observers are appointed by the New Brunswick Teachers' Federation. These observers have the right to attend meetings of the Board of Trustees, but do not have voting powers.

The Board was established in July 2014, and as of December 31, 2016, the initial slate of trustees were still in place. See page 7 for the list of Trustees and observers.



Fiduciary Duty

The trustees appointed to this board hold a fiduciary duty towards the Plan, meaning they do not represent the party who appointed them; rather, they must act in the best interest of the NBTPP and its members at all times when administering the affairs of the Plan.

Trustees must abide to a Code of Ethics and Business Conduct policy. They are entrusted with the property of another person; in this case, it consists of the pensions and related benefits of the Plan's members. Trustees are required by law to place the interests of the Plan and its members above their own, and conduct themselves with the highest standards of integrity, honesty, independence, fairness, openness and competence.

Failure by any of the trustees to properly exercise their fiduciary duty, e.g., not disclosing or addressing conflicts of interest, can result in disciplinary actions, revocation of the trustee appointment, or even civil or criminal prosecution.

Board Education

Members of the Board are required to regularly participate in continuing education programs in order to be effective in their trustee work and make the best decisions for the Plan and its members. The continuing education is designed to enhance their knowledge and understanding of pension governance, administration and investments.

The Board receives ongoing education through the regular collection of news and articles of interest, structured presentations at board meetings as well as appropriate conferences and seminars. In 2016, the Board received presentations on risk management, absolute return and hedging investment strategies, the NBTPP Fund's holdings in private market assets (i.e., equity, real estate, and infrastructure), and key takeaways from the 48th Annual Canadian Employee Benefits Conference.

Board Expenses

Members of the Board who are not employed by the appointing Parties to participate in meetings and other affairs of the NBTPP receive a per diem of \$250 for attending meetings, preparing for meetings, attending educational activities, and travel time according to the per diem and travel expense policy as approved by the Board. In addition, reasonable expenses incurred by the trustees and observers in order to attend meetings and participate in educational activities are reimbursed. In 2016, three trustees and one observer were eligible to receive per diems, and one trustee and one observer were reimbursed for travel expenses.

Also, pursuant to a Memorandum of Understanding between the NBTPP and the NB Public Service Pension Plan (NBPSPP), the NBTPP committed to fund 50% of the costs incurred and the full cost of any Trustee's per diems incurred as a result of additional meetings of a transitional board charged with the creation of an integrated pension services organization, now known as Vestcor.

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Board Committees

As outlined within the Board's governing documents, the Board has the ability to establish committees of the Board and delegate certain functions to these committees. Two committees have been established: the Governance Committee and the Audit Committee. The Governance Committee meets quarterly and the Audit Committee meets semi-annually and present a report of their meetings with decisions to the full Board for consideration and approval.

Governance Committee

The Governance Committee assists the Board in fulfilling its responsibilities in ensuring that governance and communications policies and practices are in keeping with evolving best practices. This includes matters relating to governance documents, ethics, trustee orientation and education, trustee compensation, risk management, etc.

Audit Committee

The Audit Committee assists the Board in fulfilling its responsibilities in ensuring the integrity of the NBTPP Fund's financial reporting and disclosure processes, the appointment of the external auditors, the adequacy and effectiveness of internal controls, financial risk management and compliance with legal and regulatory requirements.

Meeting Attendance

Trustees are expected to attend Board meetings and the meetings of the committees of which they are a member. The following table indicates the number of meetings held in 2016 and the attendance of the trustees and observers.

TRUSTEE / OBSERVER	BOARD	AUDIT COMMITTEE	GOVERNANCE COMMITTEE
Larry Jamieson, Chair	4/4	_	-
David Nowlan, Vice-Chair	3/4	2/2	-
Leonard Lee-White	4/4	_	4/4
Marcel Larocque	4/4	2/2	-
Michael Springer	4/4	_	4/4
Reno Thériault	4/4	-	4/4
Jane Garbutt	4/4	-	-
Jennifer Morrison	4/4	2/2	-
Robert Fitzpatrick (observer)	4/4	_	-
Caroline Foisy (observer)*	2/4	_	-

^{*}On maternity leave for part of the year.

For a summary of the Board of Trustees' activities in 2016, see Appendix A on page 20.



Governance Committee Audit Committee

Service Providers

Investment
Management Services*

SOCIÉTÉ DE GESTION DES PLACEMENTS VESTCOR INVESTMENT MANAGEMENT CORPORATION

Auditor in 2016



Actuary in 2016



Administration Services*



Larry Jamieson, Chair – Executive Director, New Brunswick Teachers' Association

Michael Springer – Trustee - Retired Teacher, and former Director of Teacher Welfare with the New Brunswick Teachers' Association

Governance Committee

David Nowlan, Vice-Chair – Assistant Comptroller, Treasury Board , Province of New Brunswick

Audit Committee

Reno Thériault – Trustee - Retired Teacher, and former Executive Director of the Association des enseignantes et des enseignants francophones du Nouveau-Brunswick

Chair of the Governance Committee

Marcel Larocque – Trustee - Deputy Executive Director, Association des enseignantes et des enseignants francophones du Nouveau-Brunswick

Audit Committee

Jennifer Morrison – Trustee - Director, Department of Finance, Province of New Brunswick

Chair of the Audit Committee

Leonard Lee-White – Trustee - Assistant Deputy Minister, Department of Finance, Province of New Brunswick

Governance Committee

Jane Garbutt – Trustee - Vice-President of Corporate Operations and Administration, Ocean Capital Investments Limited **Robert Fitzpatrick – Observer** - Retired Teacher, and former Executive Director of the New Brunswick Teachers' Association

Caroline Foisy – Observer - Deputy Executive Director, New Brunswick Teachers' Federation

^{*}Vestcor subsidiaries are co-owned by NBTPP and NBPSPP effective October 1, 2016.

Governing Documents

The NBTPP is governed by a number of important documents that serve to guide the Board of Trustees in its oversight of the Plan.

Agreement and Declaration of Trust of the New Brunswick Teachers' Pension Plan: The Agreement and Declaration of Trust came into effect on July 1, 2014, the conversion date to the NBTPP. This document ensures that the *TPA* pension fund continues as a trust fund under the NBTPP. The document also outlines the powers and duties of the Board of Trustees as Plan Administrator.

New Brunswick Teachers' Pension Plan Text: The NBTPP Text describes the detailed provisions of the Plan as it applies to eligibility, contribution and benefit calculations, retirement, as well as to the Funding Policy, Investment Policy, and risk management framework required by the *Teachers' Pension Plan Act* and the *Pension Benefits Act*.

Funding Policy: The Funding Policy is the tool used by the Board of Trustees to manage the risks inherent in the NBTPP. It provides guidance and rules regarding decisions that may have to be made by the Board of Trustees based on the results of the actuarial funding valuations and risk management tests.

The Board is required to regularly monitor the economic and demographic environment and update the Funding Policy or recommend its amendment. Confirmation of the annual review of the Funding Policy must be submitted to the Superintendent of Pensions.

Statement of Investment Policies: The Statement of Investment Policies outlines the investment policy for the NBTPP Trust, taking into account that it must be managed in a way that provides secure pension benefits in the vast majority of economic scenarios.

The Statement of Investment Policies details the asset mix of the NBTPP Fund (how the pension fund is to be invested) and the benchmarks against which the investment returns are measured. It must be reviewed annually by the Board, and the confirmation of this review must be submitted to the Superintendent of Pensions.

For a list of amendments made to the governing documents in 2016, please refer to the NBTPP Pension News newsletters available at westcor.org/nbtpp. Updated versions of these documents are also available online.



Operation of the NBTPP

Administration Services

The Board signed a service level agreement with Vestcor Pension Services Corporation (VPSC) to handle the day-to-day administration of the NBTPP. VPSC, formerly known as the Pensions and Employee Benefits Division (PEBD) of the provincial Treasury Board, collects employee contributions and pays out benefits in accordance with the plan provisions. VPSC is one of Vestcor Corp.'s subsidiaries, co-owned by NBTPP and NBPSPP effective October 1, 2016.

VPSC also provides pension services to help members understand their benefit entitlements.

VPSC prepares annual statements for each member, communicates with members and stakeholders through newsletters and other communication tools, and prepares regulatory submissions to the Superintendent of Pensions.

Here are some of VPSC's highlights in 2016:

Improved the Key
Performance Indicators
committed to under the
Service Level Agreement

Continued a major Information
Technology project started the
previous year to update the
pension administration system
that is used to maintain member
accounts and perform calculations

Prepared and distributed two newsletters to active and retired plan members

Investment Management Services

Vestcor Investment Management Corporation (VIMC) is the investment manager for the NBTPP, as outlined in a five-year, renewable service agreement. VIMC, formerly known as the New Brunswick Investment Management Corporation (NBIMC), is responsible for the implementation of the NBTPP Statement of Investment Policies. Along with VPSC, VIMC is a subsidiary of Vestcor Corp. As mentioned above, these entities are co-owned by NBTPP and NBPSPP effective October 1, 2016.

VIMC also provides investment advice by using its asset/liability modelling and risk management capabilities to project the specific pension plan cash flow data and portfolio optimization tools to model the risks and returns of potential investment strategies. From this work, VIMC develops recommendations for an asset mix which is presented to the Board of Trustees for review and approval.

VIMC receives employers' and employees' pension contributions collected by VPSC and invests them in a diversified mix of asset classes according to the NBTPP Statement of Investment Policies. VIMC also transfers sufficient funds to VPSC to fund the monthly pension benefit payment requirements.

Further information on VIMC is available at vestcor.org

Actuarial Services

An actuary is an expert in the mathematics of finance, statistics and risk theory. The *Teachers' Pension Plan Act* requires that the NBTPP undergo an actuarial valuation for funding purposes by a professionally accredited actuary at least once every three years following the July 1, 2014 conversion date. The Board of Trustees approves the actuarial assumptions used for the valuation.

The actuary is also engaged to provide an actuarial valuation of the pension plan on a going concern basis (i.e., assumes the Plan continues to operate normally) and on a solvency basis (i.e., the Plan is assumed to be wound up on the valuation date) in accordance with standards set by the Canadian Institute of Actuaries. To prepare these valuations, the actuary obtains current membership data from VPSC and asset mix information from VIMC.

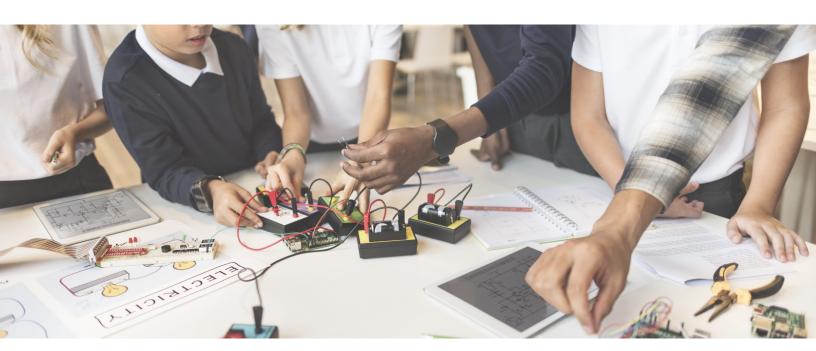
In the years in which an actuarial valuation report is not undertaken, a cost certificate with respect to the funding policy is prepared.

Morneau Shepell was reappointed as the actuary for the NBTPP for the Actuarial Valuation Report as at August 31, 2016.

Auditing Services

The auditor is responsible to express an opinion as to whether the financial statements of the NBTPP have been presented fairly by conducting an audit in accordance with Generally Accepted Auditing Standards.

KPMG was selected as the auditor for the NBTPP for 2016.



Cost of Administering the NBTPP

By entering into service level agreements with VPSC and VIMC, the Board ensured that the pension plan benefits from the expertise and experience of both service providers.

The Board has a responsibility to ensure that the services are provided at a reasonable cost. The costs to administer the NBTPP includes pension administration costs incurred by VPSC for collecting the contributions and administering the pension benefits, costs incurred by VIMC for investing the pension fund assets, as well as costs incurred by the Board itself (see page 5).

The total costs to administer and manage the \$5.4 billion of NBTPP Fund assets for the year ended December 31, 2016 were approximately 0.177% or 17.7 basis points (bps) and consist of the following:

\$7.7 million

VIMC Investment Management Costs (14.2 bps)

\$2.1 million

VPSC Administration Costs (3.5 bps)

The audited plan statements for the NBTPP for the year ended December 31, 2016 are provided on page 23.

Cost per Member

VPSC is a member of Quantitative Services Measurement (QSM), a national pension administrators benchmarking organization. QSM includes six other pension plan administrations from across Canada who benchmark service levels and costs.

In 2016, VPSC remained one of the lowest service providers amongst the QSM group at a cost of \$97 per member.

Financial Statement Highlights

Year ended December 31, 2016

2016 Investment Performance

Net Investment Income

Contributions

Benefits Paid Out

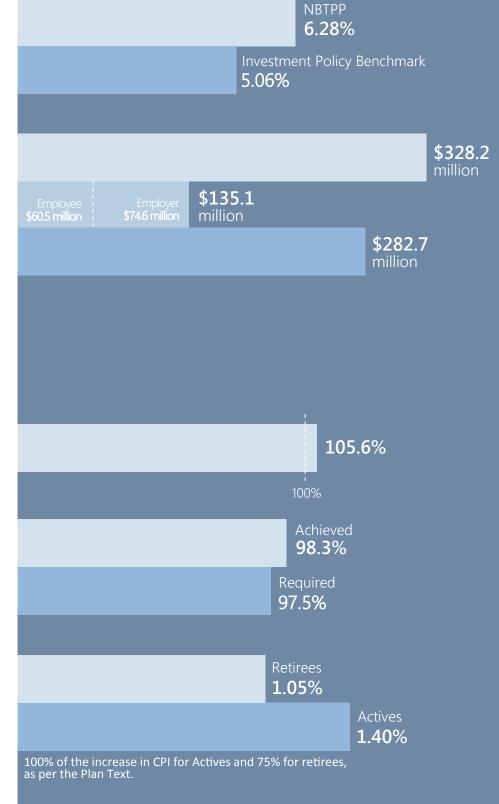
Actuarial Valuation Highlights

At August 31, 2016

Funding Policy Valuation Ratio

Risk Management Goal

Indexing Adjustment Benefit



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Plan Valuation at August 31, 2016

The purpose of the NBTPP is to:

Provide secure pensions to teachers upon retirement and until death including subsequent benefits to their spouse and eligible dependents as applicable).

Focus on managing risk so that there is a high degree of security that full base benefits will be provided.

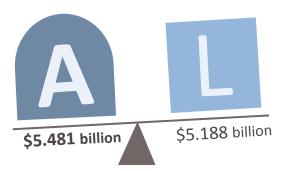
Provide future Indexing Adjustment Benefits and other Ancillary Benefits (e.g. early retirement subsidies) for teachers and retirees to the extent that the funds are available for such benefits.

Every three years, the Board of Trustees retains an independent actuarial firm to prepare a valuation of the plan (also referred to as an actuarial valuation). The valuation compares the money in the pension plan (i.e., Plan's Assets) with an estimate of the total value of benefits earned by teachers and retirees (i.e., Plan's Liabilities) as the valuation date.

An estimate of the Plan's Liabilities is calculated by the actuary using a number of economic assumptions (e.g., interest rates) and demographic assumptions (e.g., life expectancy).

ASSETS vs. LIABILITIES

as of Aug. 31, 2016



In the years that a valuation is not conducted, legislation requires that a cost certificate with respect to ensuring a review of the actions that may be required under the funding policy be completed by an independent actuarial firm at each Plan year-end.

The most recent Actuarial Valuation Report was prepared as of August 31, 2016 and reviewed and approved by the Board of Trustees on April 18, 2017.

It is important to note that the annual employee and employer contributions that are being made to the NBTPP exceed the normal cost (i.e., cost of one year of service in the Plan). The additional contributions are used to enhance benefit security and to provide for future indexing.

EXCESS CONTRIBUTIONS	
	AUGUST 31, 2016
	% OF TOTAL PAYROLL
TOTAL NORMAL COST	16.91%
CONTRIBUTIONS	
MEMBERS	10.00%
EMPLOYER INITIAL CONTRIBUTIONS	9.75%
EMPLOYER TEMPORARY CONTRIBUTIONS	
FOR 5 YEARS AFTER JULY 1, 2014	0.75%
FOR 10 YEARS AFTER JULY 1, 2014	0.75%
FOR 15 YEARS AFTER JULY 1, 2014	0.75%_
TOTAL	22.00%
EXCESS CONTRIBUTIONS	5.09%

The funding valuation funded status compares the fair market value of the Plan's Assets to the Plan's Liabilities. The Plan's Liabilities are based on the benefits earned up to August 31, 2016, and it assumes the Plan continues indefinitely.

FUNDING VALUATION - Funded Status	
	AUGUST 31, 2016 \$ IN MILLIONS
MARKET VALUE OF ASSETS	\$5,481.7
FUNDING POLICY ACTUARIAL LIABILITIES	
ACTIVE MEMBERS	\$1,634.1
RETIREES AND SURVIVORS	\$3,494.7
DEFERRED VESTED MEMBERS	\$59.9
TOTAL FUNDING POLICY ACTUARIAL LIABILITIES	\$5,188.7
FUNDING POLICY VALUATION EXCESS	\$293.0
FUNDED RATIO	105.6%

The funding status of the Plan has changed from 104.7% as at August 31, 2015 to 105.6% as at August 31, 2016.

Risk Management Results

The NBTPP is required to undergo a series of risk management tests when a funding policy actuarial valuation is conducted to ensure its security and ability to provide long-term benefits to its members. The results of these tests may cause the need for short-term adjustments in any one year to help preserve the long-term financial health of the Plan.

The Risk Management Goal is outlined in the NBTPP Funding Policy. The Plan's actuary has confirmed that the NBTPP has successfully passed this test as part of its valuation report as of August 31, 2016.

RISK MANAGEMENT GOAL

Probability that the base benefits will not be reduced over the next 20 years (must be at least 97.5%).

RESULT: 98.30%



Investment Performance

The Pension Fund is invested in accordance with the Statement of Investment Policies (SIP), which outlines the requirement to manage the Fund in a manner that recognizes the interdependency of the Plan's liabilities and expected cash flows for the base benefits and ancillary benefits, the closed group funded ratio, the Funding Policy, the risk management goals and the application of the risk management procedures.

The investment objectives are as follows:

In the long term, to preserve the capital value of the Pension Fund, and to provide the best possible long-term real return on investments while continuing to achieve the risk management goals as set out in the Funding Policy.

The target asset mix (policy portfolio) may experience uneven returns from year-to-year consistent with general economic and investment cycles, but a diversified portfolio of long-term assets will partially mitigate the variability of the returns.

Over shorter time periods, to achieve competitive rates of return on each major asset class while avoiding undue investment risk and excessive market volatility.

Over the medium term, to provide moving average rates of return in excess of the policy benchmark returns. A value-added contribution of 42 basis points, after deducting all investment management costs is the four year target.

Asset Mix

As reported in the fall 2015 and spring 2016 newsletters, the Board of Trustees approved the target asset mix for the NBTPP on February 26, 2015. VIMC was tasked with transitioning the preconversion asset mix under the prior Teachers' Pension Act to the new target asset mix by July 2016.

The transition was successfully completed in early 2016. The actual asset mix as at December 31, 2016 is shown in the table below:

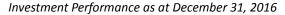
	ACTUAL	TARGET
	Portfolio as at	SIP February
	December 31, 2016	26, 2015
Fixed Income		
Short-Terms Assets (Cash)	1.4%	1.0%
Government Bonds	14.9%	15.7%
Corporate Bonds	15.8%	15.7%
Total Fixed Income	32.1%	32.4%
Inflation-Linked		
Real Return Bonds	5.1%	5.0%
Real Estate	4.1%	4.0%
Infrastructure	3.9%	4.0%
Total Inflation-Linked	13.1%	13.0%
Absolute Return Strategies	8.0%	8.0%
Public Equity		
Canada	7.9%	8.0%
U.S.	6.6%	6.8%
International (EAFE)	6.3%	6.5%
Total Public Equity	20.8%	21.3%
Low Volatility Equity		
Canada	5.0%	5.0%
U.S.	6.8%	6.8%
International (EAFE)	6.5%	6.5%
Emerging Markets	3.0%	3.0%
Total Low Volatility Equity	21.3%	21.3%
Private Equity	4.4%	4.0%
Total Equity	46.5%	46.6%
Asset Mix Strategy	0.3%	-
TOTAL	100.0%	100.0%

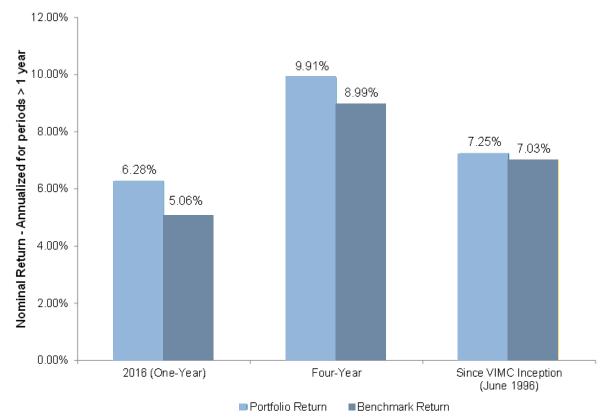
The slight deviations of the asset class weights between the actual and target asset mixes are due to:

- 1. Market Price Movements. In other words, as asset prices change, weights naturally change as well. VIMC is authorized to allow weights for asset classes to slightly deviate from policy weights to minimize transaction costs; however, weights are rebalanced to policy weights once deviations go beyond an allowable range.
- 2. Asset Mix Policy Choices. When market conditions warrant, VIMC will make slight modifications to allocations for clients that invest in VIMC's Asset Mix Strategy pooled fund to take advantage of opportunities that exist in the market.

2016 Returns

The nominal return for the NBTPP Fund was 6.28% for the year ended December 31, 2016. The overall nominal return in excess of investment policy benchmarks resulted in 1.22% of gross value added. After deducting investment management costs of 0.142%, the net value added to the pension fund was 1.08%, well in excess of the target value add of 0.42%. As this return was in excess of the actuarial assumed return of 5.85%, it also contributed to an increase in the funded ratio for the Plan. The chart below illustrates the nominal return compared to the benchmark return for the one-year and four-year periods, as well as the twenty-year period since VIMC's inception.





This resulted in approximately \$328.2 million in net investment income added to the Fund for the year.

The one-year nominal returns by asset class compared to their respective benchmark returns are shown in the table below:

2016 Returns by Asset Class

ASSET CLASS	RETURN	BENCHMARK	VALUE ADDED
FIXED INCOME			
Short-Terms Assets (Cash)	1.05%	0.51%	0.54%
Government Bonds	1.45%	0.89%	0.56%
Corporate Bonds	3.91%	3.73%	0.19%
INFLATION-LINKED			
Real Return Bonds	2.91%	2.86%	0.06%
Real Estate	11.82%	8.85%	2.97%
Infrastructure	8.38%	5.31%	3.07%
4 DOG 1 1 TO DET 1 DA 1 CED 4 TO DES	E 070/	0.540/	4.550/
ABSOLUTE RETURN STRATEGIES	5.07%	0.51%	4.55%
PUBLIC EQUITY			
Canada	20.47%	21.08%	-0.61%
U.S.	8.63%	8.62%	0.02%
International	-2.51%	-2.49%	-0.02%
LOW VOLATILITY EQUITY			
Canada	16.74%	17.58%	-0.84%
U.S.	9.05%	6.56%	2.49%
International	-1.92%	-5.20%	3.28%
Emerging Markets	4.33%	0.31%	4.03%
PRIVATE EQUITY	6.45%	3.93%	2.52%
TOTAL	6.28%	5.06%	1.22%

For general commentary regarding market events and the behaviour of asset classes, please visit www.vestcor.org/marketupdate. Information is added on a quarterly basis.

The audited financial statements for the NBTPP are available at page 23, and provide detailed information on the Plan's results for the year ended December 31, 2016.

Appendix A

Summary of Board Decisions and Accomplishments for 2016

The following provides a summary of the activities of the Board of Trustees from January to December 2016 (other than regular business and standing items).

Plan Documents and Oversight

The Board reviewed and approved the following governing and other supporting items for the Plan:

- The Cost Certificate as at August 31, 2015;
- The adoption of the extrapolated termination value funded ratio of 104.7% as at August 31, 2015 for purposes of calculating lump sum payments from the Plan for Teachers with a termination date on or after March 16, 2016;
- The Funding Policy (annual review no modifications required);
- A revised Statement of Investment Policies, amended to remove section C.5 Local and Regional Investments (NB and Atlantic Opportunities);
- Undertaking a mortality study for application in the valuation as at August 31, 2016 and future valuations and cost certificates;
- The audited Schedule of Contributions and Benefit Payments for the year ended December 31, 2015 and the audited Financial Statements for the NBTPP Fund for the year ended December 31, 2015; and
- Various amendments to the Plan Text.

Board Governance

The Board reviewed and approved amendments to the following policies and practices as part of its annual review of its governance framework:

- Terms of Reference for the Board, the Audit Committee and the Governance Committee;
- The Code of Conduct and Ethics
- The Disclosure Policy;
- The Language Policy;
- Per Diem and Travel Expense Policy;
- Trustee and Observer Orientation and Education Policy; and
- Guidelines for the Nomination of New Trustees.

Member Services and Communications

The Board reviewed and approved the following items to support pension benefits administrative services for the Plan members:

- The NBTPP Employee Booklet;
- The 2016 spring and fall newsletters; and
- The request to correspond with the Parties to seek discussion and resolution regarding: 1) the 35-year limit for contributions 2) the eligibility of employees of the teacher associations to join the Plan and 3) the matter of new purchase of service provisions for prior non-contributory service that occurred while employed with the teachers associations.

Service Provider Engagement

The Board engaged the following service providers:

- Vestcor Pension Services Corporation (VPSC) for pension benefits administration services;
- Vestcor Investment Management Corporation (VIMC) for investment services;
- Morneau Shepell for actuarial services; and
- KPMG, as the external auditor for the NBTPP financial statements for the year ended December 31, 2016.

Pension Governance Effectiveness

The Board appointed four Vestcor Corp. directors from the NBTPP Board by a vote of the full Board. The following directors were appointed as of the date of Royal Assent: R. Thériault, M. Larocque, M. Springer and B. Fitzpatrick.

In addition, the Board approved the Vestcor Corp. Members' Agreement.

Appendix B

Public Interest Disclosure Act

As required under **Section 18 – Report about disclosures** of the **Public Interest Disclosure Act**, the Board of Trustees hereby report that for 2016:

- there were no disclosures received or acted upon;
- no investigations were therefore commenced due to disclosure receipt;
- no claims had been referred from the Ombudsman under section 23; and
- no investigations were therefore commenced due to a referral receipt.

Appendix C

NBTPP Financial Statements

The financial statements of the NBTPP have been prepared and approved by the Board of Trustees. The Board is responsible for the integrity and fair presentation of the statements, including amounts based on best estimates and judgments.

The Board maintains systems of internal control and supporting procedures to provide reasonable assurance that accurate financial information is available, that assets are protected, and that resources are managed efficiently.

The Board is assisted in its responsibilities by its Audit Committee, consisting of three Board members. The Audit Committee reviews the financial statements and recommends them for approval by the Board. The Audit Committee also reviews matters related to accounting, auditing, internal control systems, financial risk management as well as the scope, planning and findings of audits performed by internal and external auditors.

New Brunswick Teachers' Pension Plan Financial Statements

December 31, 2016



KPMG LLP
Frederick Square
700-77 Westmorland Street
Fredericton NB E3B 6Z3
Telephone (506) 452-8000
Fax (506) 450-0072

One Factory Lane
PO Box 827
Moncton NB E1C 8N6
Telephone (506) 856-4400
Fax (506) 856-4499

133 Prince William Street
PO Box 2388 Stn Main
Saint John NB E2L 3V6
Telephone (506) 634-1000
Fax (506) 633-8828

INDEPENDENT AUDITORS' REPORT

To the Board of Trustees of the New Brunswick Teachers' Pension Plan

We have audited the accompanying financial statements of New Brunswick Teachers' Pension Plan Fund (the Entity), which comprise the statements of financial position as at December 31, 2016 and December 31, 2015, the statements of changes in net assets available for benefits and changes in pension obligations for the years then ended, and notes, comprising a summary of significant accounting policies and other explanatory information.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Canadian accounting standards for pension plan, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform an audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained in our audits is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements present fairly, in all material respects, the financial position of the Entity as at December 31, 2016 and December 31, 2015, and the changes in its net assets available for benefits and the changes in its pension obligations for the years then ended in accordance with the basis of accounting Canadian accounting standards for pension plan.

Chartered Professional Accountants

KPMG LLP

June 26, 2017 Fredericton, Canada

NEW BRUNSWICK TEACHERS' PENSION PLAN

Statements of Financial Position

(In thousands of Canadian dollars)

AS AT DECEMBER 31

	2016			2015
ASSETS				
Investments (notes 3 and 4)	\$	5,484,335	\$	5,320,061
Contributions receivable from employers (note 12)		7,599		7,295
Contributions receivable from employees (note 12)		7,129		1,706
Other receivable		218		8
Total assets		5,499,281		5,329,070
LIABILITIES				
Accounts payable and accrued liabilities (note 12)		2,208		2,770
Net assets available for benefits		5,497,073		5,326,300
Pension obligations (note 6)		5,229,100		5,040,600
SURPLUS	\$	267,973	\$	285,700

See accompanying notes to financial statements.

Commitments (note 13) Indemnification (note 14)

Larry Jainieson Chairman

Approved on behalf of the Board of Trustees:

'David Nowlan Vice-Chair

NEW BRUNSWICK TEACHERS' PENSION PLAN

Statements of Changes in Net Assets Available for Benefits

(In thousands of Canadian dollars)

YEAR ENDED DECEMBER 31

	2016	2015
INCREASE IN NET ASSETS		
Net investment income (note 9)	\$ 328,189	\$ 422,159
Employer pension contributions (note 12)	74,608	71,674
Employee pension contributions (note 12)	60,516	60,278
	463,313	554,111
DECREASE IN NET ASSETS		
Pension benefits (note 10)	280,238	275,800
Refunds and transfers (note 10)	2,472	3,059
Administration expenses (note 11)	9,830	10,434
	292,540	289,293
Increase in net assets available for benefits	170,773	264,818
NET ASSETS AVAILABLE FOR BENEFITS, BEGINNING OF YEAR	5,326,300	5,061,482
NET ASSETS AVAILABLE FOR BENEFITS, END OF YEAR	\$ 5,497,073	\$ 5,326,300

See accompanying notes to financial statements.

NEW BRUNSWICK TEACHERS' PENSION PLAN

Statements of Changes in Pension Obligations

(In thousands of Canadian dollars)

YEAR ENDED DECEMBER 31

	2016	2015
Pension obligations, beginning of year	\$ 5,040,600	\$ 4,763,100
Change in pension obligations:		
Losses from changes in actuarial assumptions	207,900	174,500
Interest accrued on benefits	299,700	295,200
Experience gains	(133,000)	
Normal actuarial cost	96,600	86,700
Benefits paid	(282,700)	(278,900)
	188,500	277,500
Pension obligations, end of year	\$ 5,229,100	\$ 5,040,600

See accompanying notes to the financial statements.

NEW BRUNSWICK TEACHERS' PENSION PLAN

Notes to Financial Statements

(In thousands of Canadian dollars)

AS AT AND FOR THE YEAR ENDED DECEMBER 31, 2016

1. Description of the Pension Plan

The following description is intended as a summary only. For complete information, reference should be made to the plan text.

On July 1, 2014, the defined benefit pension plan created by the *Teachers' Pension Act* ("TPA") was repealed and converted to the New Brunswick Teachers' Pension Plan (the "NBTPP" or "Plan") pursuant to the *Teachers' Pension Plan Act* (the "TPPA" or "Act") of New Brunswick. The NBTPP is governed by a Board of Trustees consisting of an equal number of individuals appointed by the Province of New Brunswick, as employer, and representatives appointed by the New Brunswick Teachers' Federation.

The primary purpose of the NBTPP is to provide pensions to eligible teachers after retirement and until death in respect of their service as teachers, and their survivors. A further purpose is to provide secure pension benefits to teachers without an absolute guarantee but with a risk-focused management approach delivering a high degree of certainty that full lifetime pensions will be payable in the vast majority of potential future economic scenarios.

All members of the TPA became members of the NBTPP. A future employee will become a member of the NBTPP on the first date of employment as a teacher.

Employee contribution rates of 7.3% of eligible earnings up to the Yearly Maximum Pension Entitlement ("YMPE") and 9.0% of eligible earnings in excess of the YMPE increased to 8.5% of eligible earnings up to the YMPE and 10.2% of eligible earnings in excess of the YMPE respectively, effective July 1, 2014. Each contribution rate will increase by 0.5% respectively each July 1st until July 1, 2017, where the rates of 10.0% of eligible earnings up to the YMPE and 11.7% of eligible earnings in excess of the YMPE will remain in place until July 1, 2029. These rates are subject to adjustment as may be required under the limitations imposed by the Funding Policy from time to time.

Previously, the employer contributions were equal to the employees' contributions plus special payments as determined by an actuary. For the five years commencing July 1, 2014, the employer contribution rates are 11.5% up to the YMPE and 13.2% above the YMPE, subject to adjustment as may be required under the limitations imposed by the Funding Policy. For the next five years commencing July 1, 2019, the employer contribution rates will be 10.75% up to the YMPE and 12.45% above the YMPE, subject to adjustment under the Funding Policy. For the subsequent five years commencing July 1, 2024, the employer contribution rates will be 10.0% up to YMPE and 11.7% above the YPME, subject to adjustment under the Funding Policy.

On July 1, 2029, the required contribution amounts for teachers and the employers shall be equal. The contribution amounts shall be determined based on the average contribution rate produced by the formula of: (i) 9.25% of eligible earnings up to the YMPE and 10.95% of eligible earnings above the YPME for teachers who are plan members at the time, and (ii) 9.75% of earnings.

Pension benefits vest on the earliest of: (i) five years of employment as a teacher; (ii) two years of pensionable service; or (iii) two years of membership in the NBTPP and TPA. The normal retirement date is the first of the month following the later of attaining age 65 or the vesting date. Early retirement may be taken at the earliest of age 55 or 35 years of pensionable service or the sum of age plus years of pensionable service reaches 80 points (84 if the member became a teacher after July 1, 2014).

1. Description of the Pension Plan (continued)

A member's annual normal retirement pension ("lifetime pension") is equal to the sum of:

- A. In respect of service before July 1, 2014, the product of:
 - (i) the number of years of the member's pensionable service before July 1, 2014, and
 - (ii) 1.3% of the annual average of the best five consecutive years of earnings at July 1, 2014, up to the annual average YMPE for 2014, 2013 and 2012, plus 2% of the excess of the annual average of the best five consecutive years of earnings at July 1, 2014 over the annual average YMPE for 2014, 2013 and 2012;

And

- B. In respect of service from July 1, 2014, the sum of (i) and (ii) for each calendar year (or prorated for a portion thereof):
 - (i) 1.3% of the member's annualized earnings for the calendar year, up to the YMPE for the calendar year; and
 - (ii) 2.0% of the portion of the member's annualized earnings for the calendar year that are in excess of the YMPE for the calendar year.

Pensions accrued above are subject to regular indexing every January 1st following July 1, 2014 equal to 100% of the increase in the Consumer Price Index (CPI) (subject to a maximum of 4.75%) while the teacher is active, and equal to 75% of CPI (subject to a maximum of 4.75%) after the teacher's termination of employment, and contingent on the NBTPP's financial condition as outlined in the Funding Policy.

The normal form of pension is a pension payable in equal monthly instalments commencing on the member's pension commencement date and continuing throughout the lifetime of the member. For a member with a spouse or common-law partner at the time of the member's death, 50% of the member's pension (before application of reductions for early retirement) continues to such spouse or common-law partner. Should the member have dependent children at the time of his/her death, such dependent children may be entitled to a pension if there is no spouse or common-law partner or after the death of such spouse or common-law partner. A minimum amount of pension equal to the member's contributions with interest to retirement will be payable in total. Optional forms of pension are also available on an actuarially equivalent basis.

Early retirement is permitted as of the earliest of age 55, or 35 years of pensionable service or the age at which the member reaches 80 points (or 84 points if the member became a teacher after July 1, 2014).

On early retirement, an annual bridge benefit is payable in addition to the lifetime pension. The annual bridge benefit is payable to age 65 or to the death of the member, if earlier, and is equal to the sum of:

- A. In respect of service before July 1, 2014, the product of:
 - (i) the number of years of the member's pensionable service before July 1, 2014, and
 - (ii) 0.7% of the annual average of the best five consecutive years of earnings at July 1, 2014 up to the annual average YMPE for 2014, 2013 and 2012;

And

B. In respect of service from July 1, 2014, for each calendar year (or prorated for a portion thereof), 0.7% of the member's annualized earnings for the calendar year up to the YMPE for the calendar year.

1. Description of the Pension Plan (continued)

The portions of the lifetime pension and bridge benefit accrued for service up to July 1, 2014 are unreduced if the pension and bridge commence payment upon or after fulfillment of one of the following criteria:

- Achievement of the 87 points rule (age plus years of pensionable service)
- Age 60 and 20 years of pensionable service
- 35 years of pensionable service
- Age 65, with 5 years of continuous service or 2 years of pensionable service or plan membership.

If payment commences before any of these criteria are met, the normal retirement pension and bridge benefit shall each be reduced by 5/12% per month that the pension and bridge commencement date precedes the first day of the month in which the criterion is met.

The portions of the lifetime pension and bridge benefit accrued for service on and after July 1, 2014 are reduced by 5/12% per month that the pension and bridge commencement date precedes the first day of the month following the first of the following events:

- Achievement of the 91 points rule
- Age 62 and 20 years of pensionable service
- 35 years of pensionable service
- Age 65, with 5 years of continuous service or 2 years of pensionable service or plan membership.

If a member terminates employment or dies prior to achieving 5 years of continuous service or 2 years of pensionable service or plan membership, the member is entitled to a refund of the total amount of his/her contributions to the NBTPP and the TPA, if any, with interest.

If a member terminates employment before age 55 but after achieving 5 years of continuous service or 2 years of pensionable service or plan membership, the member may elect to receive:

- i. A deferred lifetime pension payable from the normal retirement date equal to the accrued pension to which the member is entitled as at his/her date of termination in accordance with the formula specified above for the normal retirement pension; or
- ii. To transfer the termination value calculated in accordance with the TPPA, to a registered retirement savings arrangement as allowed under the *Pension Benefits Act*.

2. Significant Accounting Policies

(a) Basis of presentation

These financial statements have been prepared in accordance with Canadian accounting standards for pension plans in Part IV of the Chartered Professional Accountants' (CPA) of Canada Handbook They are prepared to assist Plan members and others in reviewing the activities of the Plan for the fiscal year but they do not portray the funding requirements of the Plan (note 7) or the benefit security of individual plan members.

These financial statements have been prepared on a calendar year basis to conform with the Fund's deemed tax year end. These financial statements present the financial position, the changes in net assets available for benefits and the changes in pension obligations for the year ended December 31, 2016 with comparative information for the year ended December 31, 2015.

2. Significant Accounting Policies (continued)

All investment assets and liabilities are measured at fair value in accordance with International Financial Reporting Standards ("IFRS") 13, *Fair Value Measurements*. In selecting or changing accounting policies that do not relate to its investment portfolio, Canadian accounting standards for pension plans require the Plan to comply on a consistent basis with either IFRS in Part I of the CPA Handbook or with Canadian accounting standards for private enterprises in Part II of the CPA Handbook. The Plan has chosen to comply on a consistent basis with IFRS.

These financial statements have been prepared in accordance with the significant accounting policies set out below. These financial statements were authorized for issue by the Board of Trustees on June 26, 2017.

(b) Basis of measurement

These financial statements have been prepared on the historical cost basis except for investments, which are measured at fair value through the Statement of Changes in Net Assets Available for Benefits.

(c) Financial instruments

(i) Classification, recognition and measurement

Financial assets and financial liabilities are initially recognized in the Statement of Financial Position on the trade date, which is the date on which the Plan becomes a party to the contractual provisions of the instrument. A financial asset or liability is measured initially at fair value. Transaction costs are recognized in the Statement of Changes in Net Assets Available for Benefits as incurred.

Financial assets on initial recognition are required to be classified as measured at amortized cost, fair value through other comprehensive income (FVOCI) or fair value through profit or loss (FVTPL) according to the business model used for managing them and their contractual cash flow characteristics. Financial liabilities are classified as measured at amortized cost unless they are measured at FVTPL.

The Plan makes an assessment of the objective of a business model because this best reflects the way the business is managed and information is provided. The information considered includes:

the stated policies and objectives and the operation of those policies in practice. In particular, whether
strategy focuses on earning contractual interest revenue, maintaining a particular interest rate profile,
matching the duration of the financial assets to the duration of the liabilities that are funding those assets or
realising cash flows through the sale of assets;

2. Significant Accounting Policies (continued)

- (c) Financial instrument (continued)
- how performance is evaluated and reported;
- the risks that affect the performance of the business model (and the financial assets held within that business model) and how those risks are managed;
- how managers of the business are compensated e.g., whether compensation is based on the fair value of the assets managed or the contractual cash flows collected; and
- the frequency, volume and timing of sales in prior periods, the reasons for such sales and its expectations
 about future sales activity. However, information about sales activity is not considered in isolation, but as
 part of an overall assessment of how the Plan's stated objective for managing the financial assets is
 achieved and how cash flows are realised.

Financial assets that are held for trading or managed and whose performance is evaluated on a fair value basis are measured at FVTPL because they are neither held to collect contractual cash flows nor held both to collect contractual cash flows and to sell financial assets.

All investments consist of units of the NBIMC Pooled Funds. The investments are managed and their performance is evaluated on a fair value basis. As such, the Plan classifies all investments as FVTPL with changes in the fair value being recognized in net investment income in through the Statement of Changes in Net Assets Available for Benefits.

The fair value of each investment in units of the NBIMC Pooled Funds is based on the calculated daily net asset value per unit multiplied by the number of units held, and represents the Plan's proportionate share of the underlying net assets at fair values determined using closing market prices.

The underlying investments held in the NBIMC Pooled Funds are valued at fair value as of the date of the financial statements. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date in the principal or, in its absence, the most advantageous market to which the NBIMC Pooled Funds have access at that date.

The fair value of the underlying securities in the NBIMC Pooled Funds that are traded in active markets (such as exchange-traded derivatives, debt and equity securities) are based on quoted market prices at the close of trading on the reporting date.

If there is no quoted price in an active market, then the NBIMC Pooled Funds use valuation techniques that maximize the use of the relevant observable inputs and minimize the use of unobservable inputs. The chosen valuation technique incorporates all of the factors that market participants would take into account in pricing a transaction.

Certain of the Plan's financial assets and financial liabilities such as contributions and other receivables and accounts payable and accrued liabilities are subsequently measured at amortized cost, which is the cost at initial recognition, minus any reduction for impairment. The carrying amount of these assets and liabilities approximates fair value due to their short settlement period. At the reporting date, the Plan assesses whether there is objective evidence that a financial asset at amortized cost is impaired. If such evidence exists, the Plan recognizes an impairment loss as the difference between the amortized cost of the financial asset and the present value of the estimated future cash flows.

2. Significant Accounting Policies (continued)

(c) Financial instruments (continued)

(ii) Derecognition

The Plan derecognizes a financial asset when the contractual rights to the cash flows from the asset expire, or are transferred in a transaction in which substantially all of the risks and rewards of ownership of the financial asset are transferred.

On derecognition of a financial asset, the difference between the carrying amount of the asset and the consideration is recognized in the Statement of Changes in Net Assets Available for Benefits as net investment income.

The Plan derecognizes a financial liability when its contractual obligations are discharged or cancelled or expire.

(d) Pension obligations

The pension obligations recognized in the Statement of Financial Position are the actuarial present value of accrued pension benefits determined by using the accrued benefit (or unit credit) actuarial cost method in accordance with the requirement of paragraph 14(7)(a) of Regulation 2012-75 under the Act and actuarial assumptions which reflect management's best estimate for the future.

(e) Functional and presentation currency

The financial statements are presented in Canadian dollars, which is the functional currency of the Plan.

(f) Use of estimates and judgments

The preparation of the Plan's financial statements requires judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets and liabilities at the date of the Statement of Financial Position. Significant estimates and judgments are required in determining the reported estimated fair value of private investments, which are included in the underlying investments held in the NBIMC Pooled Funds and the measurement of pension obligation, since these determinations may include estimates of expected future cash flows, rates of return, rate of retirement, mortality, rates in termination, discount rates and the impact of future events. Actual results may differ from those estimates. Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future years affected.

(g) Taxes

The Plan is a Registered Pension Plan as defined in the *Income Tax Act* (Canada) and is not subject to income taxes.

(h) Contributions

Contributions from the employers and pension plan members are recorded in the period that payroll deductions are made.

(i) Net investment income

Investment transactions are recognized by the underlying NBIMC Pooled Funds as of their trade date. Net investment income includes interest, dividends, and realized and unrealized gains and losses in the value of the units held in each of the NBIMC Pooled Funds.

2. Significant Accounting Policies (continued)

(j) Foreign currency translation

Monetary assets and liabilities denominated in foreign currencies held by the NBIMC Pooled Funds are translated at the prevailing rates of exchange at the date of the Statement of Financial Position. Investment income and expenses are translated at the exchange rates prevailing on the transaction date. Realized and unrealized exchange gains and losses are included in net investment income.

3. Investments

The Plan invests in certain pooled unit trust funds established by Vestcor Investment Management Corporation (VIMC) (formerly New Brunswick Investment Management Corporation (NBIMC)), the investment manager for the Plan. Each of the NBIMC Pooled Funds has a specific investment mandate. Investing in the NBIMC Pooled Funds enables the Plan to achieve its required asset class weights in accordance with its Statement of Investment Policies ("SIP"). Following is a description of each NBIMC Pooled Fund in which an interest is held by the Plan during the year ended December 31, 2016:

NBIMC Nominal Bond Fund

This fund invests primarily in investment grade bonds (a minimum of triple-B rated by a major rating agency) of G-7 countries and Canadian provinces paying a nominal rate of interest. The performance objective is to add 20 basis points to its benchmark, the FTSE TMX Canada All Government Bond Index, over a four-year rolling average.

NBIMC Corporate Bond Fund

This fund invests primarily in investment grade corporate bonds (a minimum of triple-B rated by a major rating agency) paying a nominal rate of interest. The performance objective is to add 20 basis points to its benchmark, the FTSE TMX All Corporate Bond Index, over a four-year rolling average.

NBIMC New Brunswick Fixed Income Opportunity Fund

This fund invests primarily in fixed income issued to finance economic activity in New Brunswick. The performance objective is to add 20 basis points to its benchmark, the FTSE TMX Canada All Government Bond Index, over a four-year rolling average.

NBIMC Money Market Fund

This fund invests primarily in fixed income securities having a maturity of less than one year. The performance objective is to add 20 basis points to its benchmark. The benchmark is calculated as 93% of the FTSE TMX Canada 91 Day T-Bill Index and 7% of the One-day Canadian Call Loan Rate.

NBIMC Student Investment Fund

This fund is managed by students at the University of New Brunswick who are registered in the Student Investment Fund Program. Its initial capital of \$1 million, funded in 1998, has been invested using the same general investment policies and guidelines as are used by VIMC. The overall benchmark for this fund is composed of 50% S&P/TSX60 Total Return Index, 45% FTSE TMX Canada All Government Bond Index, 4.65% FTSE TMX Canada 91 Day T-Bill Index and 0.35% One-day Canadian Call Loan Rate. VIMC staff closely monitor the activities of this fund, including executing and processing all transactions on behalf of the students.

NBIMC Canadian Equity Index Fund

This fund invests in physical securities and derivative strategies to gain exposure to various segments of the S&P/TSX Composite Index. Leverage on derivative products is avoided by ensuring each derivative product is supported by an appropriate value of short-term investments. The performance objective is to match the return of the S&P/TSX Total Return Composite Index over four-year rolling periods.

NBIMC Low Volatility Canadian Equity Fund

This fund actively invests in securities to gain exposure to the MSCI Canada Minimum Volatility Total Return Index, Gross. The objective is to achieve a long-term rate of return equivalent to this index, net of fees, on an annualized four-year rolling average.

NBIMC External Canadian Equity Fund

This fund is managed by external managers and invests in publicly traded Canadian equities. The performance objective is to add 150 basis points to its benchmark, the S&P/TSX Total Return Composite Index, over a four-year rolling average.

NBIMC Canadian Equity Active Long Strategy Fund

This fund seeks to add value through prudent selection of individual securities and sector allocations through overweighting and underweighting of the index. The performance objective is to add 150 basis points to its benchmark, the S&P /TSX Total Return Composite Index.

NBIMC External International Equity Fund

This fund is managed by external managers and invests in publicly traded equities in markets in Europe, Australasia and the Far East (EAFE). The performance objective is to add 150 basis points net of fees to its benchmark, the MSCI EAFE Total Return Index in \$C, Net, over a four-year rolling average.

NBIMC EAFE Equity Index Fund

This fund invests in securities in the MSCI EAFE Total Return Index in \$C, Net. The performance objective is to add 20 basis points net of fees to its benchmark, the MSCI EAFE Total Return Index in \$C, Net, over a four-year rolling average.

NBIMC Low Volatility International Equity Fund

This fund actively invests in securities in the MSCI EAFE Minimum Volatility (USD) Total Return Index, Net. The objective is to achieve a long-term rate of return equivalent to this index, net of fees, on an annualized four-year rolling average.

NBIMC Low Volatility Emerging Markets Equity Fund

This fund was created on February 18, 2015 to actively invest in securities in the MSCI Emerging Markets Minimum Volatility (USD) Total Return Index in \$C, Net. The objective is to achieve a long-term rate of return equivalent to this index, net of fees, on an annualized four-year rolling average.

NBIMC U.S. Equity Index Fund

This fund passively invests in physical securities and derivatives to gain exposure to the S&P 500 Index. Leverage on derivative products is avoided by ensuring each derivative product is supported by an appropriate value of short-term investments. The performance objective is to match the return of the S&P 500 Total Return Index in \$C.

NBIMC Low Volatility U.S. Equity Fund

This fund actively invests in securities to gain exposure to the MSCI USA Minimum Volatility (USD) Total Return Index in \$C, Net. The objective is to achieve a long-term rate of return equivalent to this index, net of fees, on an annualized four-year rolling average.

NBIMC Inflation-Linked Securities Fund

This fund invests primarily in fixed income instruments that are adjusted for inflation of G-7 countries. The performance objective is to add 10 basis points to its benchmark, the FTSE TMX Canada Real Return Bond Index, over a four-year rolling average.

NBIMC Canadian Real Estate Fund

This fund invests in private Canadian real estate investments, directly through a wholly owned subsidiary, NBIMC Realty Corp., or indirectly through limited partnerships or similar investment vehicles. The benchmark is inflation, as measured by the percentage change in the twelve-month average CPI-Canada All Items Index, plus 4%.

NBIMC Canadian Real Estate Investment Trust Fund

This fund invests in publicly-traded Canadian real estate investment trust securities. The performance objective is to match the return of the S&P/TSX Capped REIT Total Return Index.

NBIMC Non-Canadian Private Real Estate Fund

This fund invests in private non-Canadian real estate investments directly or indirectly through limited partnerships or similar investment vehicles. The benchmark is inflation, as measured by the percentage change in the twelvemonth CPI-Canada All Items Index, plus 4%.

NBIMC International Real Estate Fund

This fund is managed by an external manager that invests primarily in publicly traded securities of international Real Estate Investment Trusts (REITs). The performance objective is to add 150 basis points to the countries' blended REIT Equity Indices in \$C, net of fees, over the long-term.

NBIMC Public Infrastructure Fund

This fund was created on April 27, 2015 to provide additional investment diversification by providing infrastructure-like exposure with enhanced liquidity. The benchmark is inflation, as measured by the percentage change in the twelve-month average CPI-Canada All Items Index, plus 4%.

NBIMC Infrastructure Fund

This fund was created to provide additional investment diversification through direct investment in infrastructure through co-investment structures. The performance objective is to achieve a 4% real rate of return over a long-term investment horizon.

NBIMC North American Market Neutral Fund

This fund focuses on adding value through security selection within its universe of the S&P/TSX Total Return Composite Index as well as certain publicly traded US-listed stocks. Favored securities are purchased and offset by a corresponding short position in another security within the same sector. The portfolio is supported by a cash underlay and its performance objective is to add 350 basis points annually over a four-year moving average basis to its benchmark. The benchmark is calculated as 93% of the FTSE TMX Canada 91 Day T-Bill Index and 7% of the One-day Canadian Call Loan Rate.

NBIMC Quantitative Strategies Fund

This fund seeks to add value by investing in either long or short positions where announced mergers or dual class share structures present arbitrage potential. Short positions are supported by cash underlay. The objective is to add 350 basis points over its benchmark. The benchmark is calculated as 93% of the FTSE TMX Canada 91 Day T-Bill Index and 7% of the One-day Canadian Call Loan Rate.

NBIMC Quantitative Equity Strategic Beta Fund

This fund was created on April 26, 2016 to add value by investing in either long or short positions, primarily in equities in the MSCI ACWI Index. Short positions are supported by cash underlay. The objective is to add 350 basis points over its benchmark. The benchmark is calculated as 93% of the FTSE TMX Canada 91 Day T-Bill Index plus 7% One-day Canadian Call Loan Rate.

NBIMC New Brunswick and Atlantic Canada Equity Opportunity Fund

This fund invests in public and private equities or instruments convertible into equities of New Brunswick and Atlantic Canada companies. The performance objective is to achieve a 4% real rate of return over a long-term investment horizon.

NBIMC Private Equity Fund

This fund is managed by external managers that invest primarily in non-publicly traded securities of U.S. and European companies. The performance objective is to exceed the performance of its benchmark, a blend of the respective countries' total return indices in \$C.

NBIMC Asset Mix Strategy Fund

This fund was created on June 26, 2015 to add value through active asset mix decisions by the VIMC's internal Asset Mix Strategy Committee. The objective is to add 10 basis points of absolute return.

Following are details of NBIMC Pooled Fund holdings as at December 31:

(\$ thousands)	Number of Units (rounded)	Unit Value (in dollars)		Fair Value 2016		Fair Value 2015
Fixed Income		//				
NBIMC Nominal Bond Fund	309,121	2,623	\$	810,957	\$	784,232
NBIMC Corporate Bond Fund	694,884	1,243	-	863,624	*	830,810
NBIMC New Brunswick Fixed Income Opportunity	, , , , ,	, -		,-		,-
Fund	1,832	3,189		5,844		6,368
NBIMC Money Market Fund	45,660	1,609		73,458		92,256
NBIMC Student Investment Fund	528	3,428		1,811		1,641
		-,		1,755,694		1,715,307
Equities				,,		,,
NBIMC Canadian Equity Index Fund	87,193	3,423		298,435		298,914
NBIMC Low Volatility Canadian Equity Fund	174,578	1,567		273,509		262,557
NBIMC External Canadian Equity Fund	18,402	4,070		74,891		63,039
NBIMC Canadian Equity Active Long Strategy Fund	45,531	1,367		62,245		67,857
NBIMC External International Equity Fund	47,959	2,080		99,749		102,558
NBIMC EAFE Equity Index Fund	171,027	1,427		243,985		222,439
NBIMC Low Volatility International Equity Fund	181,976	1,954		355,533		347,527
NBIMC Low Volatility Emerging Markets Equity	101,770	1,551		333,333		317,327
Fund	174,053	948		164,950		158,828
NBIMC U.S. Equity Index Fund	137,093	2,656		364,182		347,387
NBIMC Low Volatility U.S. Equity Fund	139,735	2,655		371,004		359,994
	,	,		2,308,483		2,231,100
Inflation-Linked Assets				, ,		
NBIMC Inflation-Linked Securities Fund	77,151	3,609		278,428		268,933
NBIMC Canadian Real Estate Fund	35,053	4,281		150,048		122,965
NBIMC Canadian Real Estate Investment Trust Fund	20,876	1,245		25,982		92,517
NBIMC Non-Canadian Private Real Estate Fund	10,205	937		9,566		8,713
NBIMC International Real Estate Fund	5,194	7,577		39,358		140,243
NBIMC Public Infrastructure Fund	126,498	1,039		131,388		11,989
NBIMC Infrastructure Fund	55,326	1,531		84,710		59,220
	•			719,480		704,580
Alternative Investments						
NBIMC North American Market Neutral Fund	89,386	1,338		119,578		140,982
NBIMC Quantitative Strategies Fund	122,714	1,431		175,651		283,874
NBIMC Quantitative Equity Strategic Beta Fund	138,362	1,035		143,198		· —
NBIMC New Brunswick and Atlantic Canada Equity	- 3	, -		-,		
Opportunity Fund	2,885	5,026		14,503		14,185
NBIMC Private Equity Fund	77,494	2,959		229,341		224,505
	. , ,	-,		682,271		663,546
Tactical Asset Allocation						
NBIMC Asset Mix Strategy Fund	16,203	1,136		18,407		5,528
			\$	5,484,335	\$	5,320,061

4. Fair Value of Financial Instruments

Investments are valued at fair value with changes in fair values over time recognized in net investment income.

The determination of fair value is dependent upon the use of measurement inputs with varying degrees of subjectivity. The level of subjectivity can be classified and is referred to as the fair value hierarchy. The fair value hierarchy levels are:

Level 1 – Quoted market prices in active markets. This is considered to be the most reliable input for fair value measurement. A financial instrument is regarded as quoted in an active market if quoted prices are readily or regularly available from an exchange or prices represent actual and regularly occurring market transactions on an arm's length basis.

Level 2 – Inputs (other than quoted prices included within Level 1) that are observable for the investment, either directly or indirectly. These inputs include quoted prices for similar investments in active markets, quoted prices for identical or similar investments in markets that are not active, and inputs other than quoted prices that are observable for the investment. These are inputs that are derived principally from, or corroborated by, observable market data by correlation or other means.

Level 3 – Inputs that are unobservable that are used to measure fair value when observable inputs are not available. Unobservable inputs reflect subjective assumptions that market participants may use in pricing the investment.

The units held in each of the NBIMC Pooled Funds are classified as a Level 2 investment since the units are priced based on each pooled fund net asset value, which is observable, but the units are not traded in an active market.

5. Financial Instrument Risk Management

Financial instruments are exposed to risks such as market, interest rate, credit and liquidity risk.

(a) Market Risk: Market risk is the risk that the value of an investment will fluctuate as a result of changes in market prices whether those changes are caused by factors specific to the individual investment or factors affecting all securities traded in the market. Market risk includes foreign currency risk, interest rate risk and pricing risk among others. The principal level for managing market risk is to invest in widely diversified countries, sectors and issuers. The Plan holds investments in NBIMC Pooled Funds that invest in active and passive investment strategies and are diversified among domestic and international markets.

Investment strategies used by the NBIMC Pooled Funds may involve the use of financial derivatives such as forward foreign exchange contracts or total return swaps. Investment strategies also include "market neutral" strategies whereby an investment in a long position in one stock is matched with a short position in another stock, typically within the same industry sector. With the limited exception of prudent financing for investments in real property, the Statement of Investment Policies (SIP) (note 8) precludes the use of leverage in the investment portfolio. Accordingly, to the extent that there is market exposure from derivative investments and short positions, each NBIMC Pooled Fund will hold cash underlay equal to the amount of market exposure. Market neutral strategies help to mitigate market risk through adherence to maximum investment limits and stop-loss constraints, and have a lower correlation to broad market indices.

5. Financial Instrument Risk Management (continued)

VIMC conducts certain of its investment activities in the NBIMC Pooled Funds on behalf of the Plan by trading through broker channels on regulated exchanges and in the over-the-counter market. Brokers typically require that collateral be pledged against potential market fluctuations when trading in derivative financial instruments or when shorting security positions. As at December 31, 2016, the fair value of the Plan's underlying securities that have been deposited or pledged with various financial institutions as collateral or margin on account was \$222,747 (2015 - \$222,665) (see note 5(c)).

Foreign currency risk arises from holding investments denominated in currencies other than the Canadian dollar. All of the Plan's investments in the NBIMC Pooled Funds are in Canadian dollar denominated units; however, certain of the NBIMC Pooled Funds invest in assets denominated in foreign currencies or domiciled in foreign jurisdictions. The SIP permits hedging of foreign currency exposure at the portfolio manager's discretion. Approximately 35.3% (2015 - 35.6%) of the Plan's underlying investments are denominated in currencies other than the Canadian dollar, with the largest foreign currency exposure being to the U.S. dollar of 19.7% (2015 - 20.3%) and the Euro of 4.2% (2015 - 4.2%).

A 1% absolute increase or decrease in the value of the Canadian dollar against all currencies with all other variables held constant would result in an approximate decrease or increase in the value of the net investment assets at December 31, 2016 of \$19,470 (2015 – \$18,947).

Interest rate risk refers to the effect on the market value of investments due to fluctuation of interest rates. The Plan invests in certain NBIMC Pooled Funds that invest in fixed income securities whose fair values are sensitive to interest rates. The SIP requires VIMC to adhere to guidelines on duration and yield curve, which are designed to mitigate the risk of interest rate volatility.

If interest rates increased by 1%, and all other variables are held constant, the potential loss in fair value to the net investment assets at December 31, 2016 would be approximately \$171,353 (2015 – \$161,592).

Pricing risk is the risk that equity investments will change in value due to future fluctuations in market prices caused by factors specific to an individual equity investment or other factors affecting all equities traded in the market. The Plan is exposed to price risk associated with the underlying equity investments held in the NBIMC Pooled Funds. If equity market price indices declined by 1%, and all other variables are held constant, the potential loss at December 31, 2016 would be approximately \$25,375 (2015 – \$23,628).

5. Financial Instrument Risk Management (continued)

(b) Credit Risk: The Plan is exposed to credit-related risk in the event that an NBIMC Pooled Fund investment in a derivative or debt security counterparty defaults or becomes insolvent. VIMC has established investment criteria which are designed to manage credit risk by establishing limits by issuer type and credit rating for fixed income and derivative credit exposure. VIMC monitors these exposures monthly. Such derivative and short and long-term debt securities are restricted to those having investment grade ratings, as provided by a third party rating agency. In addition, each counterparty exposure is restricted to no more than 5% of total assets. Investment grade ratings are BBB and above for longer term debt securities and R-1 for short-term debt. Any credit downgrade below investment grade is subject to review by the Board of Trustees.

The quality of the aggregate credit exposure in the underlying NBIMC Pooled Funds at December 31 is as follows:

(\$ thousands)	2016	2015
AAA	\$ 608,891 \$	557,817
AA	564,293	586,160
A	744,266	687,114
BBB	272,511	237,680
R-1	185,542	154,673
Other	38,270	24,306
	\$ 2,413,773 \$	2,247,750

The highest concentration of credit risk at each year end is with Government of Canada bonds.

(c) Liquidity Risk: Liquidity risk is the risk of not having sufficient funds available to meet cash demands. Sources of liquidity include pension contributions collected from the employers and employees as well as redemption of units in NBIMC Pooled Funds. Uses of liquidity include payments to the plan beneficiaries, plan service providers and purchases of units of the NBIMC Pooled Funds.

The Plan's asset mix is specifically designed to ensure that sufficient liquid assets are available to meet pension benefit obligations as they are required. Other than cash, treasury bills and bankers' acceptances, the most liquid asset class is government bonds whereas privately-held debt, equity, real estate and infrastructure investments are considered highly illiquid due to the lack of a readily available market and the longer term to maturity for these investments.

Net liquid assets are defined to include the fair value of all assets excluding private equity, private real estate, private infrastructure, New Brunswick regional investments, and the Plan's proportionate share of the fair value of collateral pledged with brokers and counterparties and any unfunded investment commitments.

5. Financial Instrument Risk Management (continued)

The following tables show the determination of net liquid assets as at December 31:

(\$ thousands)	2016	2015
Net assets available for benefits	\$ 5,497,073	\$ 5,326,300
Less: investment in NBIMC New Brunswick Fixed Income Opportunity		
Fund (note 3)	(5,844)	(6,368)
Less: investment in NBIMC Canadian Real Estate Fund (note 3)	(150,048)	(122,965)
Less: investment in NBIMC Non-Canadian Private Real Estate Fund		
(note 3)	(9,566)	(8,713)
Less: investment in NBIMC Infrastructure Fund (note 3)	(84,710)	(59,220)
Less: investment in NBIMC New Brunswick and Atlantic Canada		
Equity Opportunity Fund (note 3)	(14,503)	(14,185)
Less: investment in NBIMC Private Equity Fund (note 3)	(229,341)	(224,505)
Less: collateral pledged (note 5(a))	(222,747)	(222,665)
Less: investment commitments (note 13)	(178,629)	(184,431)
Net liquid assets	\$ 4,601,685	\$ 4,483,248

(d) Securities Lending: The Plan's SIP permits VIMC to enter into a securities lending arrangement, externally with their securities custodian or internally among the NBIMC Pooled Funds, with the objective of enhancing portfolio returns.

Under the external program, the securities custodian, who is an independent third party, may loan securities owned by the NBIMC Pooled Funds to other approved borrowers in exchange for collateral in the form of readily marketable government-backed securities equal to at least 105% of the value of securities on loan and a borrowing fee. VIMC has restricted the approved borrowers under the external securities lending program to manage exposure to counterparty credit risk. As at December 31, 2016, underlying securities in the amount of \$600,978 (2015 – \$616,535) were loaned on behalf of the Plan.

Under the internal securities lending program, certain NBIMC Pooled Funds may loan securities to a borrowing NBIMC Pooled Funds subject to an intra-fund collateral management agreement and a borrowing fee. As at December 31, 2016, underlying securities in the amount of \$44,930 (2015 – \$41,619) were loaned on behalf of the Plan and \$45,863 (2015 – \$41,397) were borrowed.

6. Pension Obligations

- (a) Actuarial Methodology: On conversion of the TPA from a defined benefit plan to a target benefit plan, an actuarial valuation report was prepared by Morneau Shepell, the independent actuary to document:
 - the results of the initial funding valuation, as required under paragraph 17(1) of the New Brunswick *Teachers' Pension Plan Act* ("TPPA");
 - the Conversion Plan as required under sub-paragraph 100.6(2)(a)(i) of the *Pension Benefits Act (New Brunswick)*; and
 - the results of the going-concern actuarial valuation as required under paragraph 16(1) of the TPPA in order to determine the maximum eligible employer contribution for the NBTPP under paragraph 147.2(2) of the *Income Tax Act* (Canada).

6. Pension Obligations (continued)

The *TPPA* requires that a funding valuation be prepared at least once every three years and be submitted to the Superintendent of Pensions. In the years in which an actuarial valuation report is not submitted to the Superintendent of Pensions, a cost certificate with respect to the funding policy is prepared in accordance with section 9 of regulation 91-195 and submitted to the Superintendent of Pensions. The most recent triennial funding valuation was prepared as of August 31, 2016 by the independent actuary. The next funding valuation is expected to be prepared no later than August 31, 2019.

The funding valuation actuarial liabilities and normal cost were calculated using the accrued benefit actuarial cost method in accordance with the requirements of paragraph 17(9) of the TPPA.

The funding policy valuation actuarial liabilities are equal to the actuarial present value of benefits earned by members for services prior to the valuation date, taking into account the actuarial assumptions. The actuarial liabilities take into account the increases in accrued pensions due to regular cost-of-living adjustments granted to active and retired members.

The funding valuation normal cost is equal to the actuarial present value of benefits expected to be earned by members in the year following the valuation date.

(b) Actuarial Assumptions: The main assumptions used in determining the funding valuation actuarial liabilities as of the respective extrapolation dates, and normal cost for the year following the extrapolation dates are as follows:

	December 31, 2016	December 31, 2015			
Discount rate	5.85% per annum	6.00% per annum			
Inflation rate	2.25% per annum	2.25% per annum			
Indexing of active members' accrued pensions	100% of inflation*	100% of inflation*			
Indexing of retiree pensions	75% of inflation*	75% of inflation*			
Mortality	CPM 2014 Public Table generational mortality using improvement scale CPM-B with an adjustment factor of 0.90 for both males and females.	CPM 2014 Public Table generational mortality using improvement scale CPM-B with an adjustment factor of 1.12 for males and 1.01 for females.			
Number of years before unreduced retirement age according to provisions in effect at December 31, 2013:					
Under 5 years	45% at 85 points, 45% at 87 points and 10% at 90 points, but not later than attainment of 35 years of service or age 60				
Over 5 years	45% at 89 points, 45% at 91 points and 10% at 94 points, but not later than attainment of 37 years of service or age 62				
Termination of employment	None				

^{*}Inflation is adjusted down by 0.15% for purposes of indexing to take into account the impact of the 4.75% cap applied under the Plan for indexing purposes.

Changes in actuarial assumptions during 2016 resulted in a net increase in the pension obligations of approximately \$207,900 (2015-\$174,500).

6. Pension Obligations (continued)

- (c) Experience gains: Experience gains represent the change in the pension obligation due to the difference between expected experience and actual results. During 2016, the experience gains were \$133,000 (2015 nil).
- (d) Sensitivity analysis: The discount rate used to estimate the present value of pension obligations has a significant effect on the pension obligation at the end of the year. As of December 31, 2016, a decrease of 100 basis points in the discount rate would have increased the pension obligation by \$763,400.
- (e) Funding valuation assets: The financial position of the Plan on a funding basis is determined by deducting the funding valuation actuarial liabilities from the funding valuation asset value.

7. Funding Policy

The following is only a summary of the main features of the funding policy, and should not be relied upon for a formal interpretation of the terms of the funding policy.

The funding policy is the tool required pursuant to the Act that the Board of Trustees uses to manage the risks inherent in a target benefit plan. The funding policy provides guidance and rules regarding decisions that must, or may, as applicable, be made by the Board of Trustees concerning funding levels, contributions and benefits.

The purpose of the NBTPP is to provide a highly secure lifetime pension at retirement and maintain scheduled escalated adjustments at their target level if the Plan can afford it.

The funding policy sets out two financial goals that underlie the Plan's objectives:

- (a) The Funding Goal is to achieve a closed group funding ratio of 100% plus a Contingency Reserve of 10%.
- (b) The Risk Management Goal is to achieve at least a 97.5% probability that the past base benefits at the end of each year will not be reduced over a 20-year period:

The above risk management goal is measured at every triennial actuarial valuation using an asset liability model with future economic scenarios developed using a stochastic process.

The funding policy sets out the decisions to be made by the Board of Trustees. These decisions are based on the closed group funded ratio calculated as the market value of the assets divided by the funding liabilities. Depending upon the level of the closed group funded ratio, decisions may have to be made under either a funding deficit recovery plan or a funding excess utilization plan.

The funding deficit recovery plan is triggered when over a three-year moving average:

- the closed group funded ratio of the Plan falls below 100%; and
- contributions in excess of normal cost are not enough to bring the closed group funded ratio above 100% over 15 years.

7. Funding Policy (continued)

If this occurs, the following actions in order of priority must be taken to return the closed group funded ratio to 100% (including the impact of the contributions in excess of the normal cost) over 15 years:

- 1. Maximum increase in total contributions of 3.0% of earnings (shared equally between the employer and the employees), provided the total increase is at least equal to 1.0% of earnings.
- 2. Reduction in the following benefits, in the order indicated:
 - a. Reduce the level of escalated adjustments applicable to future service of active members until eliminated:
 - b. Reduce the level of future escalated adjustments applicable to the post-retirement period for all retirees and their survivors until eliminated;
 - c. Reduce the level of future escalated adjustments applicable the past service of active members for the pre-retirement period until eliminated;
 - d. Reduce other ancillary benefits and future accrual rates such that the amount of savings, when combined with c. above, equates to an amount of no more than 10% of payroll over 15 years;
 - e. At the discretion of the Board of Trustees, reduce the base benefits of active employees (subject to a certain maximum); and
 - f. As a last resort, reduce the base benefits of retirees and claimants in the same proportion as active members under e. above, and for all participants equally thereafter, to the extent necessary to bring the funded ratio to 100% over 15 years.

The funding excess utilization plan is triggered when the closed group funded ratio is in excess of 100%. At that time, the Board of Trustees must take or consider taking the following actions in the order of priority:

- 1. Reverse any benefit reductions implemented as part of funding deficit recovery plan, in the reverse order in which they were implemented, such that the closed group funded ratio is still expected to reach 100% within 15 years after the reversal;
- 2. Establish a contingency reserve of at least 15% of the funding liabilities of the Plan;
- 3. If the closed group funded ratio exceed 115%, apply a reduction in total contributions of 3% of earnings (shared equally between the employer and the employees);
- 4. If the closed group funded ratio exceeds 120%, reinstate any lost cost-of-living adjustments due to the implementation of past funding deficit recovery plans; and
- 5. If all the above steps have been taken, the Board of Trustees may propose benefit changes provided various criteria of risk management are met, and other conditions, and such proposals are approved by the Superintendent of Pension and submitted to the Parties.

The maximum amount that can be spent on benefit improvements in 4. and 5. above is $1/5^{th}$ of the funds that make up the excess of the closed group funded ratio over 110% at the valuation date that triggered the action.

The funding policy also provides a description of the main actuarial assumptions to be used in the funding valuation, as well as the process to be followed for its annual review.

8. Capital

The capital of the NBTPP is represented by the net assets available for benefits. The NBTPP must be managed in a manner which recognizes the interdependency of the SIP, the risk management goals set out in the funding policy and applicable regulatory requirements.

The Board of Trustees is responsible for the establishment of a SIP, including approval of a recommended investment asset mix that seeks to deliver the long-term investment returns necessary for the sustainability of the NBTPP. Determining the asset mix requires information from independent actuarial valuations as well as expectations concerning financial markets and uses a portfolio optimization process. This process has the intent of achieving the maximum investment returns possible while meeting the risk management tests in the funding policy. The recommended strategic asset allocation is reviewed on at least an annual basis to ensure that it remains appropriate. The SIP was last reviewed and approved by the Board of Trustees on November 24, 2016.

Once approved, VIMC is responsible for the implementation of the asset mix decision including day-to-day investment activities and monitoring of investment risk controls. VIMC produces quarterly reporting of investment performance, policy compliance, and trends and changes in investment risks for the Board of Trustees.

The Board-approved SIP outlines the following investment objectives:

- i. In the long term, to preserve the capital value of the Pension Fund but also provide the best possible long-term real return on investments while continuing to achieve the risk management goals;
- ii. Over shorter time periods, to achieve competitive rates of return on each major asset class while avoiding undue investment risk and excessive market volatility; and
- iii. Over the medium term, to provide rates of return in excess of those achieved by passive management of the policy portfolio. A value added contribution of 0.42%, after deducting all investment management costs, is the portfolio's target four-year moving average rate of return.

9. Net Investment Income

Net investment income (loss) by unit trust fund for the year ended December 31, after allocating net gains (losses) on investments, is as follows:

Bisted Income \$ 11,671 \$ 30,864 NBIMC Corporate Bond Fund 32,493 10,104 NBIMC Corporate Bond Fund 145 330 NBIMC Money Market Fund 562 1,269 NBIMC Student Investment Fund 170 (40) BIMC Student Investment Fund 45,041 42,527 Equities NBIMC Canadian Equity Index Fund 42,965 (7,274) NBIMC Low Volatility Canadian Equity Fund 42,965 (7,274) NBIMC External Canadian Equity Fund 11,355 (4,051) NBIMC External International Equity Fund (2,797) 23,809 NBIMC External International Equity Fund (2,598) 247,885 NBIMC Exter Equity Index Fund - Class N — (148,661) NBIMC Exter Equity Index Fund - Class N — (44,996) NBIMC Low Volatility International Equity Fund - Class N — (44,996) NBIMC Low Volatility International Equity Fund 8,817 6 NBIMC Low Volatility Energing Markets Equity Fund 8,817 6 NBIMC Sequity Index Fund 8,432 19,354	(\$ thousands)	 2016	2015
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		\$	\$

10. Pension Benefits

A breakdown of pension benefits by type is as follows:

(\$ thousands)	2016		
Retirements	\$ 260,900 \$	256,990	
Terminations	791	1,366	
Disability	7,764	7,634	
Death	11,802	11,327	
Other	1,453	1,542	
	\$ 282,710 \$	278,859	

These benefits are presented in the Statement of Changes in Net Assets Available for Benefits as:

(\$ thousands)	2016		
Pension benefits	\$ 280,238	\$	275,800
Refunds and transfers	2,472		3,059
	\$ 282,710	\$	278,859

11. Administrative Expenses

The Plan is charged by its service providers, including Vestcor Pension Services Corporation (VPSC) (subsequent to October 1, 2016 and previously the Pension and Employee Benefits Division (PEBD) of the Office of Human Resources for the Province of New Brunswick) and VIMC, each a related party, for professional and administrative services. The following is a summary of these administrative expenses:

_(\$ thousands)	2016		2015	
Plan administration fees:				
Office and administration services (note 12)	\$	1,734 \$	1,531	
Consulting		93	96	
Legal fees		73	26	
Actuarial services		20	10	
Audit fees		55	84	
Regulatory fees		10	10	
Member communications		67	30	
Board of Trustees		47	70	
		2,099	1,857	
Investment management costs:				
Investment management fees (note 12)		6,467	7,313	
Securities custody		429	523	
		6,896	7,836	
HST		835	741	
	\$	9,830 \$	10,434	

12. Related Party Transactions

The Plan is related to the Province of New Brunswick including its departments, agencies, school districts, regional health authorities, crown corporations and other crown agencies. The Board of Trustees determines the amounts of contributions to and payments from the Plan.

Pursuant to the *Vestcor Act*, on July 8, 2016 the Plan is a member of a not-for-profit, non-share company, Vestcor Corp. (Vestcor). On October 1, 2016 Vestcor acquired a 100% interest in two operating companies: VIMC and VPSC (formerly (PEBD)).

All of the Plan's investments included in the Statement of Financial Position are in units of the NBIMC Pooled Funds which entitle the Plan to an undivided interest in the underlying assets of those pooled funds (see note 3). In addition, the NBIMC Canadian Real Estate Fund has made certain of its direct and indirect real estate investments using wholly owned subsidiary company structures.

Included in the investments in the NBIMC Pooled Funds are underlying investments in New Brunswick provincial and municipal bonds that are recorded at their fair values as at December 31, 2016 of \$28,149 (2015 – \$29,384).

Pension administration expenses paid to VPSC (and formerly PEBD) and investment management fees paid to VIMC (and formerly NBIMC) for the year are described in note 11. At December 31, 2016 amounts owing to VIMC for investment management fees of \$1,289 (2015 – \$1,026) and to VPSC for pension administration expenses of \$352 (2015 – \$952) are included in accounts payable and accrued liabilities.

13. Commitments

The NBIMC Canadian Real Estate Fund, the NBIMC Non-Canadian Private Real Estate Fund, NBIMC Infrastructure Fund, the NBIMC Private Equity Fund and Vestcor Investments Private Equity, L. P. (a newly created limited partnership whose general partner is Vestcor Investments General Partner, Inc., a wholly-owned subsidiary of VIMC) have committed to enter into investments that may be funded over the next several years in accordance with the terms and conditions agreed to in various partnership agreements. The Plan's share of unfunded commitments as at December 31 is:

(\$ thousands)	2016	2015
NBIMC Canadian Real Estate Fund	\$ 11,130	\$ 15,607
NBIMC Non-Canadian Private Real Estate Fund	2,641	12,229
NBIMC Infrastructure Fund	6,486	17,854
NBIMC Private Equity Fund	144,790	138,741
Vestcor Investments Private Equity, L.P.	 13,582	<u> </u>
	\$ 178,629	\$ 184,431

14. Indemnification

Pursuant to the Agreement and Declaration of Trust, a first lien and charge against the assets of the Plan is provided as indemnification to the Board of Trustees against any liability incurred, including defence costs. The Plan may be required to compensate these individuals in the event of a claim being made against them. The contingent nature of these indemnification obligations prevents the Plan from making a reasonable estimate of the maximum potential payments that may be required. The Plan has not received any claims or made any payments pursuant to such indemnifications.